

Colombia
Assessment Results Summary - Allocated Resources

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

Code and Field Type	MFS	Prob. (0-1)	Undiscovered Resources											
			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)			
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean

Total: Assessed onshore portions of Colombia

Oil Fields		1.00	1,286	4,556	10,846	5,120	1,095	4,329	12,138	5,175	59	246	738	303
Gas Fields							1,103	4,225	11,187	4,926	37	155	455	188
Total		1.00	1,286	4,556	10,846	5,120	2,198	8,554	23,325	10,101	96	401	1,193	491

Total: Assessed offshore portions of Colombia

Oil Fields		0.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields							0	0	0	0	0	0	0	0
Total		0.00	0	0	0	0	0	0	0	0	0	0	0	0

Grand Total: Assessed portions of Colombia

Oil Fields		1.00	1,286	4,556	10,846	5,120	1,095	4,329	12,138	5,175	59	246	738	303
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6041 Putumayo-Oriente-Maranon Basin Province

604101 Mesozoic-Cenozoic Total Petroleum System

60410101 Hollin-Napo Assessment Unit (25% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Colombia)

Oil Fields	1	1.00	257	695	1,451	756	59	168	386	189	1	3	8	4
Gas Fields	6						0	0	0	0	0	0	0	0
Total		1.00	257	695	1,451	756	59	168	386	189	1	3	8	4

604102 Paleozoic Total Petroleum System

60410201 Ene Assessment Unit (5% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Colombia)

Oil Fields	5	0.50	0	0	13	4	0	1	30	8	0	0	2	0
Gas Fields	30						0	0	0	0	0	0	0	0
Total		0.50	0	0	13	4	0	1	30	8	0	0	2	0

6090 Middle Magdalena Province

609001 La Luna-La Paz Total Petroleum System

60900101 Northern Assessment Unit (100% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Colombia)

Oil Fields	1	1.00	67	180	351	191	38	109	234	119	2	6	15	7
Gas Fields	6						0	0	0	0	0	0	0	0
Total		1.00	67	180	351	191	38	109	234	119	2	6	15	7

60900102 Southern Assessment Unit (100% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Colombia)

Oil Fields	5	1.00	52	168	391	188	9	33	93	40	1	2	6	2
Gas Fields	30						0	0	0	0	0	0	0	0
Total		1.00	52	168	391	188	9	33	93	40	1	2	6	2

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			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
60900103 Eastern Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE Colombia)														
Oil Fields	4	1.00	25	88	207	99	140	515	1,307	591	8	30	82	35
Gas Fields	24						626	1,951	4,328	2,145	16	56	142	64
Total		1.00	25	88	207	99	767	2,466	5,635	2,735	24	86	224	100
60900104 La Luna and Older Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE Colombia)														
Oil Fields	4	1.00	76	219	423	231	69	215	517	244	4	13	32	15
Gas Fields	24						35	123	381	155	1	5	16	6
Total		1.00	76	219	423	231	104	338	899	399	5	17	48	21
6096 Llanos Basin Province														
609601 Gacheta-Mirador Total Petroleum System														
60960101 Central Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE Colombia)														
Oil Fields	1	1.00	273	1,113	3,032	1,312	250	1,101	3,458	1,384	14	64	215	83
Gas Fields	6						100	596	2,195	796	4	26	100	36
Total		1.00	273	1,113	3,032	1,312	351	1,698	5,653	2,180	18	91	315	119
60960102 Peripheral Assessment Unit (95% of undiscovered oil fields and 95% of undiscovered gas fields allocated to ONSHORE Colombia)														
Oil Fields	1	1.00	495	1,964	4,721	2,203	451	1,937	5,568	2,329	25	113	344	140
Gas Fields	6						251	1,258	3,633	1,506	11	55	167	68
Total		1.00	495	1,964	4,721	2,203	702	3,195	9,201	3,835	36	169	511	207

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6099 Maracaibo Basin Province

609901 La Luna/Maracaibo Total Petroleum System

60990102 Southwest Maracaibo Basin Fold Belt Assessment Unit (40% of undiscovered oil fields and 40% of undiscovered gas fields allocated to ONSHORE Colombia)

Oil Fields	4	1.00	42	129	256	136	78	249	545	273	4	15	35	16
Gas Fields	24						91	297	649	324	4	13	30	14
Total		1.00	42	129	256	136	168	546	1,194	597	8	27	65	31